

VICINITY MAP
NOT TO SCALE

NOTES

- THIS DRAWING SHOWS ORIGINAL SURFACE CONDITIONS ACROSS THE INDUSTRIAL WASTE LANDFILL (IWL) IN SPRING 2005 (PRIOR TO THE START OF INTERIM GRADING ACROSS THE IWL IN SUMMER 2005).
- INFORMATION SHOWN HEREON REGARDING SURFACE FEATURES, GROUND TOPOGRAPHY AND PROPERTY/EASEMENT LINES BASED ON A GROUND SURVEY COMPLETED IN APRIL 2005 BY VANDEMARK & LYNCH, INC., 4305 MILLER RD., PO BOX 2047, WILMINGTON, DE 19899, (302) 764-7635.
HORIZONTAL DATUM: PREMCOR DELAWARE CITY PLANT
VERTICAL DATUM: NATIONAL GEODETIC VERTICAL DATUM 1929

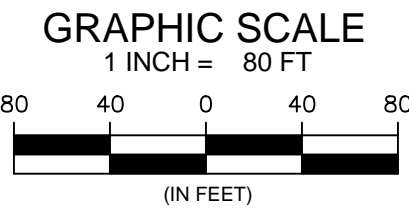
BENCHMARK: PLANT CONTROL MONUMENT #208. LOCATION APPROXIMATELY 70' WEST OF WEST 6TH STREET AT THE CENTERLINE OF Q STREET EXTENDED AND 43.2' SOUTH OF A CHAIN LINK FENCE. ELEVATION = 65.35'
- THE LOCATIONS AND ELEVATIONS FOR THE EDGE OF THE LANDFILL LINER SYSTEM SHOWN IN THIS DRAWING SET ARE BASED ON TEST PIT CONDITIONS SURVEYED IN JUNE 2005 BY VANDEMARK & LYNCH, INC. SEE TYPICAL DETAIL ON SHEET C-61.
- TOPOGRAPHY INSIDE LATERAL LIMITS OF LANDFILL REFLECTS TOP OF WASTE AT TIME OF SURVEY.
- CROSS-SECTION BASELINES DEFINED BY THE FOLLOWING COORDINATES:

STATION	X	Y
00+00	436500	578754.9
09+50	435550	578754.9
14+50	435550	579254.9

- CONTRACTOR SHALL SECURE ALL PERMITS REQUIRED BY VALERO, MOTIVA AND DNREC TO PERFORM THE WORK PRIOR TO COMMENCEMENT OF WORK.

LEGEND

- × 58.2 SPOT ELEVATION
- EDGE OF TREES
- - - - - FENCE
- - - - - MAJOR CONTOUR
- - - - - MINOR CONTOUR
- - - - - PROPERTY LINE
- - - - - INTERIOR PARCEL LINE
- - - - - EDGE OF HEAVY FOLIAGE
- - - - - ABOVE-GROUND ELECTRIC LINE ALIGNMENT
- - - - - POLE SUPPORTING ELECTRIC LINE
- - - - - RAILROAD
- - - - - STORMWATER CULVERT
- - - - - LIMIT OF LANDFILL LINER SYSTEM (APPROX. BOUNDARY OF LANDFILL)
- - - - - UNPAVED ACCESS ROAD
- - - - - GROUND AND TOP-OF-LINER ELEVATIONS DEFINING THE LANDFILL PERIMETER (SEE TYPICAL DETAIL ON SHEET C-61)
- - - - - APPROX. ALIGNMENT OF LEACHATE COLLECTION AND DETECTION PIPING
- - - - - PERIMETER DRAINAGE CHANNEL &/FLOW DIRECTION



REVISIONS					DESCRIPTION
NO.	BY	CHKD	DATE		
1	SMS	JAC	10/30/07		REVISED TO ADDRESS DNREC COMMENTS
2	SMS	JAC	02/02/08		SUBMITTED WITH CLOSURE PLAN FOR DNREC REVIEW

WARNINGS

0 0.5 1.0

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE

IF THE SEAL ON THIS PLAN IS NOT RED OR RAISED THEN THIS PLAN MAY HAVE BEEN ALTERED AND RECOPIED. ORIGINAL SEALS ARE STAMPED IN RED INK OR EMBOSSED WITH A CRIMPING SEAL.

PLANS ISSUED BY:

URS

335 COMMERCE DRIVE, STE 300
FORT WASHINGTON, PA 19054
TEL: (215) 367-2500
FAX: (215) 367-1000

DESIGNED BY:	DATE
ETS	04/01/05
DRAWN BY:	SMS 02/02/06
CHECKED BY:	PJB 10/30/07
APPROVED BY:	JAC 10/30/07
CLIENT APPROVED BY:	

DELAWARE CITY REFINERY
INDUSTRIAL WASTE LANDFILL CLOSURE

ORIGINAL CONDITIONS PLAN

JOB NO. 20240421		SCALE: 1"=80'	
ORIGINAL DATE: 04/04/05	LAST REVISED: 10/30/07		REV 1
DRAWING NO.			